

SEQUENCE LISTING

<110> JOHNS HOPKINS UNIVERSITY WONG, Philip C. CAI, Huaibin PRICE, Donald L. <120> BETA SECRETASE TRANSGENIC ORGANISMS AND METHODS OF USE THEREOF <130> JHU1690-3 ^<140> US 10/656,624 <141> 2003-09-04 <150> US 10/003,630 <151> 2001-10-29 <150> US 09/708,096 <151> 2000-11-03 <150> US 60/244,051 <151> 2000-10-27 <160> 6 <170> PatentIn version 3.1 <210> 1 <211> 22 <212> DNA <213> Artificial sequence <220> <223> Amplification primer <400> 1 22 aggcagcttt gtggagatgg tg <210> 2 <211> 22 <212> DNA <213> Artificial sequence <220> <223> Amplification primer <400> 2 22 cgggaaatgg aaaggctact cc <210> 3 <211> 21 <212> DNA <213> Artificial sequence <220> <223> Amplification primer <400> 3 tggatgtgga atgtgtgcga g 21

```
<210> 4
 <211> 6
 <212> PRT
<213> Artificial sequence
 <220>
<223> Portion of fusion protein
<400> 4
 His His His His His
                5
 <210> 5
 <211> 42
 <212> PRT
 <213> Homo sapiens
 <400> 5
 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
            20
                                25
 Gly Leu Met Val Gly Gly Val Val Ile Ala
 <210> 6
 <211>
       42
       PRT
 <212>
 <213> Mouse
 <400> 6
 Asp Ala Glu Phe Gly His Asp Ser Gly Phe Glu Val Arg His Gln Lys
 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
                                25
```

Gly Leu Met Val Gly Gly Val Val Ile Ala